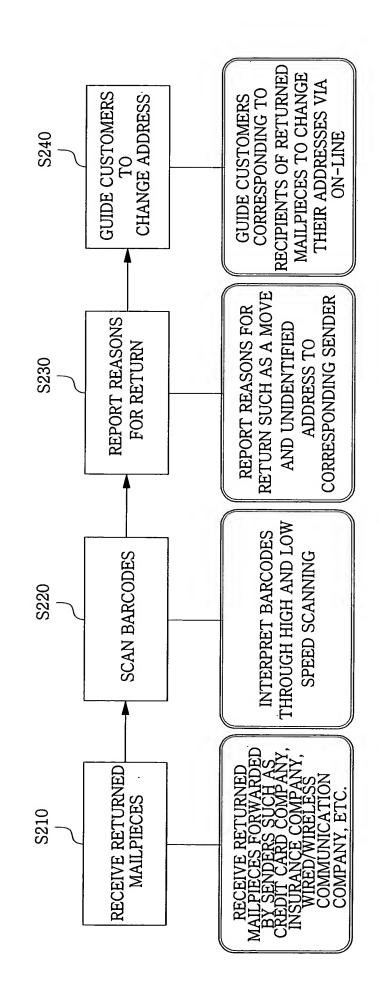
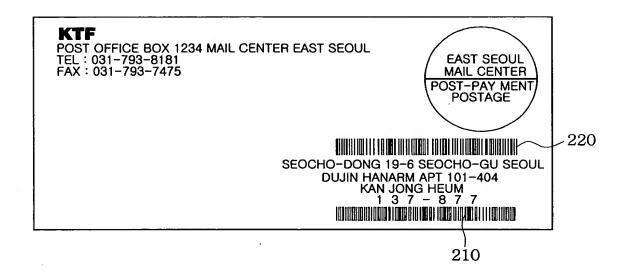


**FIG.2** 



#### FIG.2A



#### FIG.2B

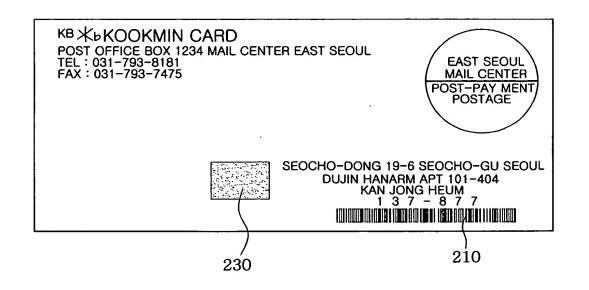
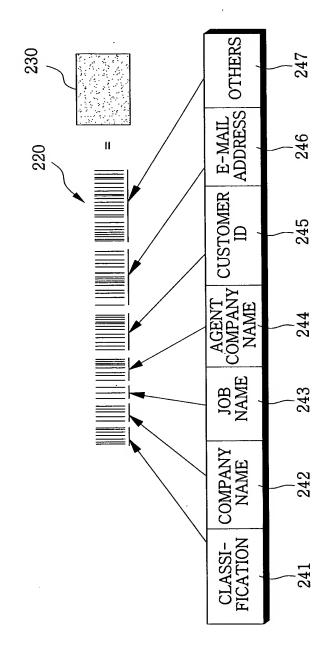


FIG.2C

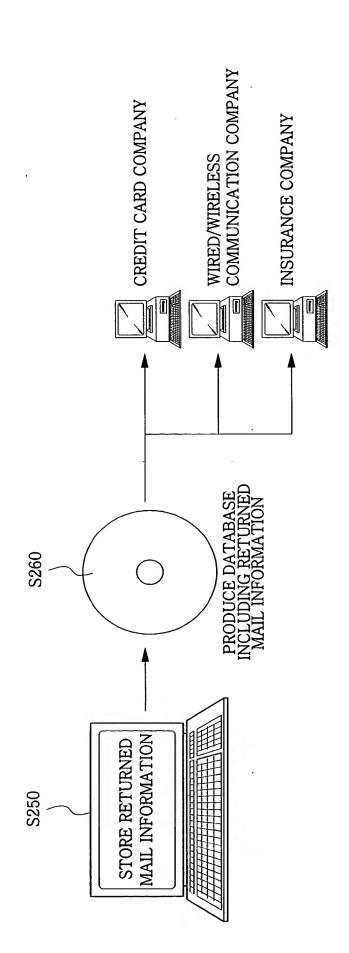


# FIG.2D

247	OTHERS	011-123-3333	016-333-4444	018-423-5555	•••	011-735-2233	019-728-8893	016-336-1234	•••	018-998-5545	016-555-9999	011-666-7777	•••
246	E-MAIL ADDRESS	Km1234@kookmin.co.kr	Sm1234@samsung.co.kr	lg1234@lgcard.co.kr	•••	Sk5678@skt.co.kr	Ktf5678@ktf.co.kr	Lgt5678@lgt.co.kr	•••	Kim5678@samsung.co.kr   018-998-5545	Lee5678@hdlife.co.kr	Kang5678@lglife.co.kr	•••
245	CUSTOMER ID	kookmin1234	Samsung1234	Lg123456		Sk123456	Ktf123456	Lgt5678	•••	8295sS	Hd6789	lg7890	•••
244	AGENT COMPANY NAME	TELSONEBILL	CAMP	HANYOUNG SYSTEM	•••	DAEMYUNG COMPUTER	ЗА	DATAZONE	•••	HANACOM	DONGKOOK DM	CHILSUNG DM	•••
	<b>A</b>	=	12	5	••••	21	8	23	•••	31	32	ဗ္ဗ	•••
$\overset{243}{\wedge}$	JOB NAME	BILL OF JULY	BILL OF JULY	BILL OF JULY	•••	BILL OF JULY	BILL OF JULY	פורר סב חחרל	•••	11 SAMSUNG FIRE 31 TERMINATION NOTIFICATION OF JULY	· EXPIRATION NOTICE OF JULY	INSTALLMENT PAYING NOTICE OF JULY	•••
		20	0	0	•••	20	0	6		<u>ب</u>	32	ဗ္ဗ	
$\begin{array}{c} 242 \\ \\ \end{array}$	COMPANY NAME	11 KOOKMIN CARD	12 SAMSUNG CARD 07	LG CARD	•••		KTF	LG TELECOM	•••	SAMSUNG FIRE	12 HYUNDAI FIRE	LG FIRE	•••
	႘	=	2	5	•••	=	19	<u>6</u>	•••	=	2	<u></u>	•••
$_{ angle}^{241}$	CLASSIFICATION	CREDIT CARD COMPANY	CREDIT CARD COMPANY	CREDIT CARD COMPANY	•••	21 COMMUNICATION COMPANY 11 SK TELECOM	21 COMMUNICATION COMPANY 16	21 COMMUNICATION COMPANY	•••	INSURANCE COMPANY	INSURANCE COMPANY	INSURANCE COMPANY	•••
2		Ξ	=	=	•	2	2	2		<u>ه</u>	<del>မ</del>	<u>ਲ</u>	
	_												

BARCODE HAND SCANNER 280 NORMAL ERROR FAST CONVEYOR SYSTEM FAST BARCODE SCANNER 250 270 <u>2</u>60 NUMBER OF READINGS: 490,000 TOTAL : 500,000 : 10,000 ERROR COMMUNICATION COMPANY RETURNED MAILPIECE INSURANCE COMPANY CREDIT CARD COMPANY
RETURNED MAILP

FIG.2E



# FIG.2G

295	OTHERS	16,000 AUGUST 16, 2003		=	•••	17,000 AUGUST 16, 2003			•••	12,000 AUGUST 16, 2003			
	OTI	AUGUST				AUGUST				AUGUST			
294d	10101	16,000	15,500	2,000	•••	17,000	10,000	7,000	•••	12,000	9,000	000'9	•••
294c	JRN C DECEDITION	13,000	2,000	1,000	•••	2,000	3,000	006	•••	2,000	4,000	3,000	•••
294	REAS	2,000	13,000	3,000	•••	10,000	5,000	009	•••	4,000	3,000	2,000	:
294b	) I I I	-						•					
294a 29	Į,	MOVE 1,000	200	1,000	•••	2,000	2,000	5,500	•••	3,000	2,000	1,000	•••
293 29	AGENT COMPANY NAME	TELSONEBILL	CAMP	HANYOUNG SYSTEM	•••	DAEMYUNG COMPUTER	æ	DATAZONE		HANACOM	DONGKOOK DM	CHILSUNG DM	••
292	JOB NAME	פורר 05 ארא	BILL OF JULY	BILL OF JULY	•••	BILL OF JULY	BILL OF JULY	BILL OF JULY		TERMINATION NOTIFICATION OF JULY	EXPIRATION NOTICE OF JULY	INSTALLMENT PAYING NOTICE OF JULY	•••
291	COMPANY NAME	KOOKMIN CARD	SAMSUNG CARD	LG CARD	•••	SK TELECOM	KTF	LG TELECOM		SAMSUNG FIRE	HYUNDAI FIRE	LG FIRE	•••

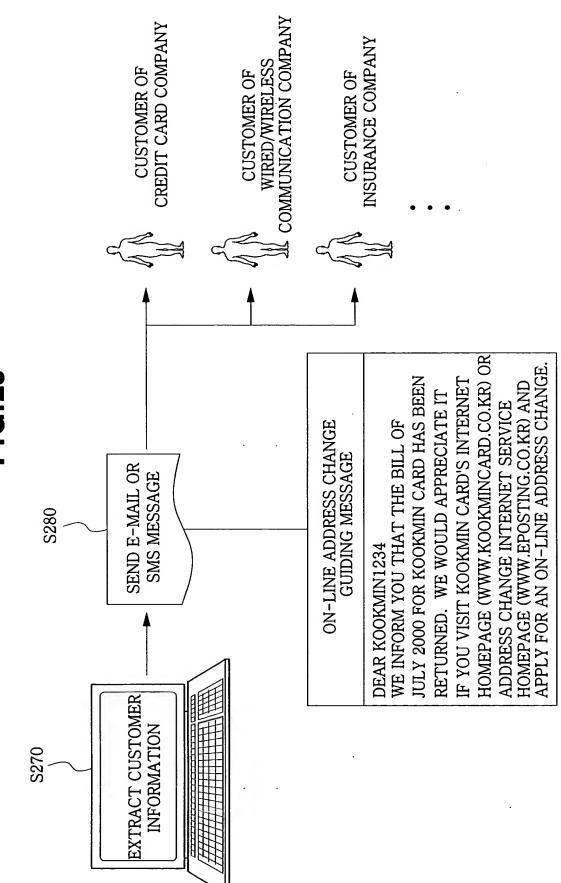
.)

			_			
d 295	00011120	OI HERS	AUGUST 16, 2003	•		
294d		TOTAL	000'9	7,500	8,000	11,500
294c		REJECTION OF RECEPTION	3,000	2,000	4,000	9,000
23	REASON FOR RETURN	REJECTION O				
294b	REASON F	UNIDENTIFIED ADDRESS	2,000	3,000	3,000	8,000
294		UNIDENTIFI				
294a		MOVE	1,000	2,500	1,000	4,500
293 29		AGENT COMPANY NAME	TELSONEBILL	CAMP	HANYOUNG SYSTEM	
292	!	JOB NAME		TOTAL		
291 2		COMPANY NAME	NATIONAL	PENSION		

### FIG.21

		178	5	<u>6</u>		12		ည	8	
OTHERS		011-234-56	011-227-7101	016-456-7890		019-345-43		017-345-00	019-666-22	•••
E-MAIL ADDRESS	kookmin1234 Km1234@npc.or.kr	Samsung1234 Sm1234@npc.or.kr 011-234-5678	lg1234@npc.or.kr	Sk5678@npc.or.kr	Ktf5678@npc.or.kr	Lgt5678@npc.or.kr 019-345-4321	Kim5678@npc.or.kr	Lee5678@npc.or.kr   017-345-0050	Kang5678@npc.or.kr 019-666-2200	•••
<b>CUSTOMER ID</b>	kookmin1234	Samsung1234		Sk123456	Ktf123456	Lgt5678	Ss5678	Hd6789	lg7890	•••
REASON FOR RETURN   CUSTOMER ID   E-MAIL ADDRESS	MOVE	UNIDENTIFIED ADDRESS	REJECTION OF RECEPTION Lg123456	REJECTION OF RECEPTION SK123456	UNIDENTIFIED ADDRESS	UNIDENTIFIED ADDRESS	MOVE	REJECTION OF RECEPTION	MOVE	
	-	N	ო	က	8	N	-	ო	-	•••
<b>COMPANY NAME</b>	TELSONEBILL	TELSONEBILL	TELSONEBILL	CAMP	CAMP	CAMP	HANACOM	HANACOM	HANACOM	•••
<b>GENT</b>	=	=	=	12	2	2	ے۔ ج	 ਲ	 ਲ	
JOB NAME AGENT COMPANY NAME	GIRO PAPER OF JULY 11	GIRO PAPER OF JULY	GIRO PAPER OF JULY	GIRO PAPER OF JULY 12	GIRO PAPER OF JULY 12	GIRO PAPER OF JULY 12	GIRO PAPER OF JULY	GIRO PAPER OF JULY	GIRO PAPER OF JULY	•••
	20	02	07	07	07	07	07	0	02	•••
OMPANY NAME	NATIONAL PENSION	NATIONAL PENSION	NATIONAL PENSION	NATIONAL PENSION	NATIONAL PENSION	NATIONAL PENSION	NATIONAL PENSION	NATIONAL PENSION	NATIONAL PENSION	•••
ပ	51	2	2	2	5	2	2	2	5	•••
CLASSIFICATION COMPANY NAME	51 PUBLIC INSTITUTION 51 NATIONAL PENSION 07 GIRO F	51 PUBLIC INSTITUTION 51 NATIONAL PENSION 07 GIRO	51 PUBLIC INSTITUTION 51 NATIONAL PENSION 07 GIRO	51 PUBLIC INSTITUTION 51 NATIONAL PENSION 07 GIRO	51 PUBLIC INSTITUTION 51 NATIONAL PENSION 07 GIRO F	51 PUBLIC INSTITUTION 51 NATIONAL PENSION 07 GIRO	51 PUBLIC INSTITUTION 51 NATIONAL PENSION 07 GIRO F	51 PUBLIC INSTITUTION 51 NATIONAL PENSION 07 GIRO	51 PUBLIC INSTITUTION   51 NATIONAL PENSION   07 GIRO	•••
ပ	51	2	2	5	5	5	5	5	2	

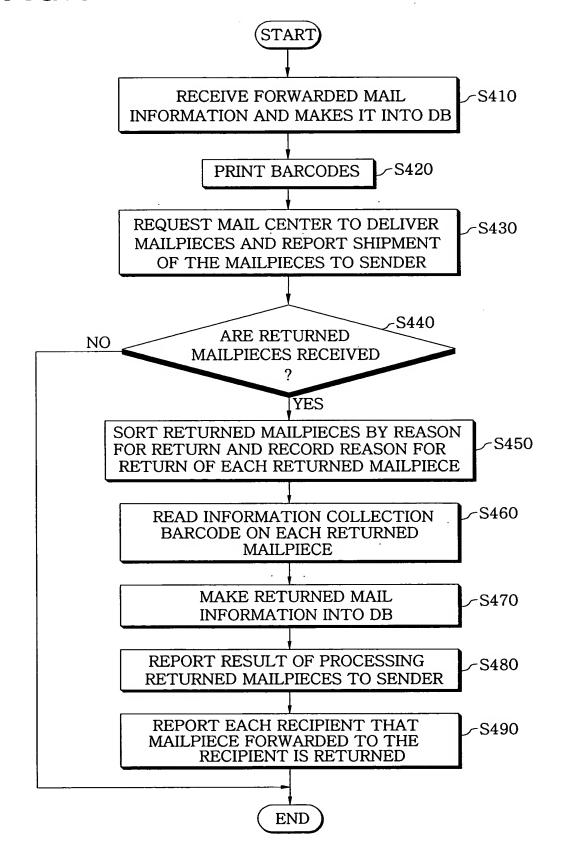
FIG.2J



~340 -350 FORWARDED MAIL INFORMATION DB INFORMATION DB RETURNED MAIL 140 -330RECIPIENT 332 333 331 COMMUNICATION INTERFACE UNIT INFORMATION PROCESSOR **FIG.3** 360 BARCODE PROCESSOR COMMUNICATION NETWORK ,110 INSURANCE COMPANY SENDER 310 320 BARCODE READER DATA INPUT UNIT CREDIT CARD

WIRED/WIRELESS COMMUNICATION COMPANY

FIG.4



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